

## Message

**From:** Brad Moore [bmoore@polymetminning.com]  
**Sent:** 12/17/2018 8:56:37 PM  
**To:** Holst, Linda [holst.linda@epa.gov]; Christie Kearney [ckearney@polymetminning.com]  
**CC:** Dennis Donohue (ddonohue@wnj.com) [ddonohue@wnj.com]  
**Subject:** Re: Cross Media Analysis: Expert Peer Reviewers

Thanks Linda; I was on an airplane ; the team followed up! -Brad

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**From:** Holst, Linda <holst.linda@epa.gov>  
**Sent:** Monday, December 17, 2018 2:51 PM  
**To:** Christie Kearney  
**Cc:** Dennis Donohue (ddonohue@wnj.com); Brad Moore  
**Subject:** Re: Cross Media Analysis: Expert Peer Reviewers

This is very helpful. Thank you for such a quick response.

Linda

Acting Director | Water Division | EPA Region 5  
 (312) 886-6758 | [holst.linda@epa.gov](mailto:holst.linda@epa.gov)

On Dec 17, 2018, at 1:34 PM, Christie Kearney <[ckearney@polymetminning.com](mailto:ckearney@polymetminning.com)> wrote:

Thank you for your call today, Linda. The Cross-Media Analysis was completed by a working group of interdisciplinary experts from MPCA, Minnesota Department of Natural Resources, and PolyMet and its outside experts after spending over a years' time working through the underlying science and the appropriate assumptions. When the Cross-Media Analysis was completed, MPCA then submitted it for independent expert peer-review by experts hired by MPCA's counsel. Once feedback was obtained from the agency's external experts, PolyMet, at MPCA's request, adjusted some of the assumptions based on the feedback before finalizing the Analysis. PolyMet's final report, with these adjustments, is entitled "Cross-Media Analysis to Assess Potential Effects on Water Quality from Project-Related Deposition of Sulfur and Metal Air Emissions," and was submitted to MPCA on October 31, 2017.

The independent expert peer reviewers hired by MPCA's outside counsel included:

- Mark Hemingway (GSI Environmental) – hydrogeology/surface water expert
- Krish Vijayaraghavan (Ramboll & Byron) – air model expert
- David Krabbenhoft (USGS) – mercury expert

Please let me know if you have any additional questions about this review.

Christie

<image001.png>

**Christie Kearney, P.E.**  
 Environmental Site Director  
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